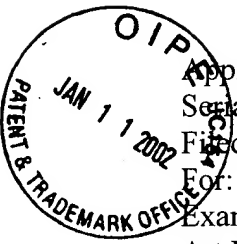


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ATTORNEY'S DOCKET NO: P0743/7001

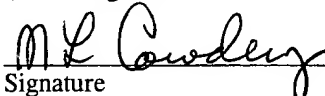
IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Erik R. Deutsch et al.
Serial No: 09/975,169
Filed: October 11, 2001
For: Actuatable Diffractive Optical Processor
Examiner: Not Yet Assigned
Art Unit: 2872



CERTIFICATE OF MAILING UNDER 37 C.F.R. §1.8(a)

The undersigned hereby certifies that this document is being placed in the United States mail with first-class postage attached, addressed to Commissioner for Patents, Washington, D.C. 20231, on December 28, 2001.


Signature

Commissioner for Patents
Washington, D.C. 20231

Sir:

STATEMENT FILED PURSUANT TO THE DUTY OF
DISCLOSURE UNDER 37 CFR §§1.56, 1.97 AND 1.98

Pursuant to the duty of disclosure under 37 C.F.R. §§1.56, 1.97 and 1.98, the Applicant requests consideration of this Information Disclosure Statement.

PART I: Compliance with 37 C.F.R. §1.97

This Information Disclosure Statement has been filed before the mailing date of the first Office Action on the merits in the above-identified case. No fee or certification is required.

PART II: Information Cited

The Applicant hereby makes of record in the above-identified application the information listed on the attached form PTO-1449 (modified). The order of presentation of the references should not be construed as an indication of the importance of the references.

PART III: Explanation of Non-English Language References and Remarks Concerning Other Information Cited

The following are remarks concerning the other information cited:

-- None --

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PART IV: Remarks

Documents cited on the attached form PTO-1449 (modified) are enclosed unless otherwise indicated on the attached form PTO-1449 (modified). It is respectfully requested that:

1. The Examiner consider completely the cited information, along with any other information, in reaching a determination concerning the patentability of the present claims;
2. The enclosed form PTO-1449 be signed by the Examiner to evidence that the cited information has been fully considered by the Patent and Trademark Office during the examination of this application;
3. The citations for the information be printed on any patent which issues from this application.

By submitting this Information Disclosure Statement, the Applicant makes no representation that a search has been performed, of the extent of any search performed, or that more relevant information does not exist.

By submitting this Information Disclosure Statement, the Applicant makes no representation that the information cited in the Statement is, or is considered to be, material to patentability as defined in 37 C.F.R. §1.56(b).

By submitting this Information Disclosure Statement, the Applicant makes no representation that the information cited in the Statement is, or is considered to be, in fact prior art as defined by 35 U.S.C. §102.

Notwithstanding any statements by the Applicant, the Examiner is urged to form his own conclusion regarding the relevance of the cited information.

An early and favorable action is hereby requested.

Respectfully submitted,

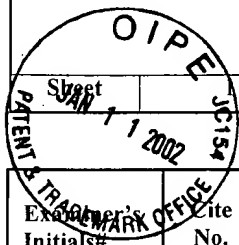
By: 

Steven J. Henry, Reg. No. 27,900
Wolf, Greenfield & Sacks, P.C.
600 Atlantic Avenue
Boston, MA 02210
Telephone (617) 720-3500

Docket No. P0743/7001 SJH
Dated: December 28, 2001

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FORM PTO-1449/A and B (Modified)		APPLICATION NO.: 09/975,169	ATTY. DOCKET NO.: P0743/7001
INFORMATION DISCLOSURE STATEMENT BY APPLICANT		FILING DATE: October 11, 2001	
		APPLICANT: Deutsch et al.	
		GROUP ART UNIT: 2872	EXAMINER: Not Yet Assigned
Sheet 1 of 2			



U.S. PATENT DOCUMENTS

Examiner's Initials#	Cite No.	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication or of issue of Cited Document MM-DD-YYYY
		Number	Kind Code		
		5,311,360		Bloom et al.	05-10-1994
		5,459,610		Bloom et al.	10-17-1995
		5,661,592		Bornstein et al.	08-26-1997
		5,677,783		Bloom et al.	10-14-1997
		5,745,271		Ford et al.	04-28-1998
		5,757,536		Ricco et al.	05-26-1998
		5,808,797		Bloom et al.	09-15-1998
		5,841,579		Bloom et al.	11-24-1998
		5,920,418		Shiono et al.	07-06-1999
		5,949,570		Shiono et al.	09-07-1999

FOREIGN PATENT DOCUMENTS

Examiner's Initials#	Cite No.	Foreign Patent Document			Name of Patentee or Applicant of Cited Document (not necessary)	Date of Publication of Cited Document MM-DD-YYYY	Translation (Y/N)
		Office/Country	Number	Kind Code			
		WO	01/11419	A2	Godil et al.	15-02-2001	--

OTHER ART — NON PATENT LITERATURE DOCUMENTS

Examiner's Initials#	Cite No	Include name of the author (in CAPITAL LETTERS) title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, relevant page(s), volume, issue number(s), publisher, city and/or country where published.	Translation (Y/N)
		Solgaard et al., "Deformable grating optical modulator," <u>Optics Letters</u> , Vol. 17, No. 9, May 1, 1992, pp. 688-690.	
		Goossen et al., "Silicon Modulator Based on Mechanically-Active Anti-Reflection Layer with 1 Mbit/sec Capability for Fiber-in-the-Loop Applications," <u>IEEE Photonics Technology Letters</u> , Vol. 6, No. 9, September 1994, pgs. 1119-1121.	
		Ford et al., "Dynamic Spectral Power Equalization Using Micro-Opto-Mechanics," <u>IEEE Photonics Technology Letters</u> , Vol. 10, No. 10, October 1998, pgs. 1440-1442.	

EXAMINER	DATE CONSIDERED
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#EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

*a copy of this reference is not provided as it was previously cited by or submitted to the office in a prior application, Serial No. _____, filed _____, and relied upon for an earlier filing date under 35 U.S.C. 120 (continuation, continuation-in-part, and divisional applications).

FORM PTO-1449/A and B (Modified)		APPLICATION NO.: 09/975,169	ATTY. DOCKET NO.: P0743/7001
INFORMATION DISCLOSURE STATEMENT BY APPLICANT		FILING DATE: October 11, 2001	
		APPLICANT: Deutsch et al.	
		GROUP ART UNIT: 2872	EXAMINER: Not Yet Assigned
Sheet 1 of 2	JAN 11 2002		

U.S. PATENT DOCUMENTS

Examiner's Initials#	Cite No.	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication or of issue of Cited Document MM-DD-YYYY
		Number	Kind Code		
		5,991,079		Furlani et al.	11-23-1999
		5,999,319		Castracane	12-07-1999
		6,061,166		Furlani et al.	05-09-2000
		6,169,624	B1	Godil et al.	01-02-2001
		6,172,796	B1	Kowarz et al.	01-09-2001
		6,188,519	B1	Johnson	02-13-2001
		6,215,579	B1	Bloom et al.	04-10-2001
		6,268,952	B1	Godil et al.	07-31-2001
		6,329,738	B1	Hung et al.	12-11-2001

FOREIGN PATENT DOCUMENTS

Examiner's Initials#	Cite No.	Foreign Patent Document			Name of Patentee or Applicant of Cited Document (not necessary)	Date of Publication of Cited Document MM-DD-YYYY	Translation (Y/N)
		Office/Country	Number	Kind Code			

OTHER ART — NON PATENT LITERATURE DOCUMENTS

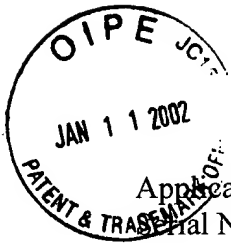
Examiner's Initials#	Cite No	Include name of the author (in CAPITAL LETTERS) title of the article (when appropriate), item (book, magazine, journal, serial, symposium, catalog, etc.), date, relevant page(s), volume number(s), publisher, city and/or country where published.	Translation (Y/N)

EXAMINER	DATE CONSIDERED
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*a copy of this reference is not provided as it was previously cited by or submitted to the office in a prior application, Serial No. _____, filed _____, and relied upon for an earlier filing date under 35 U.S.C. 120 (continuation, continuation-in-part, and divisional applications).

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ATTORNEY'S DOCKET NO: P0743/7001

(1)

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Erik R. Deutsch et al.
Serial No: 09/975,169
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Art Unit: 2872

CERTIFICATE OF MAILING UNDER 37 C.F.R. §1.8(a)

The undersigned hereby certifies that this document is being placed in the United States mail with first-class postage attached, addressed to Commissioner for Patents, Washington, D.C. 20231, on the 28th day of December, 2001.

Steven J. Henry
Reg. No. 27,900

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Commissioner For Patents
Washington, D.C. 20231

Sir:

Transmitted herewith are the following documents:

- [X] Information Disclosure Statement, PTO Form 1449 and references
- [X] Return Receipt Postcard

If the enclosed papers are considered incomplete, the Mail Room and/or the Application Branch is respectfully requested to contact the undersigned at (617) 720-3500, Boston, Massachusetts.

No check is enclosed to cover the filing fee. If the fee is insufficient, the balance may be charged to the account of the undersigned, Deposit Account No. 23/2825. A duplicate of this sheet is enclosed.

Respectfully Submitted,

Steven J. Henry
Reg. No. 27,900
Wolf, Greenfield & Sacks, P.C.
600 Atlantic Avenue
Boston, MA 02210-2211
(617) 720-3500

Docket No: P0743/7001
Date: December 28, 2001
xddd